Computer Science Prerequisite Flowchart 2019

MAT201 CALCULUS I
- MAT205 PROBABILITY & STATISTICS
- MAT202 CALCULUS II Prerequisite: MAT201
- MAT210 DISCRETE MATHEMATICS

MAT__ ADVANCED MATH ELECTIVE
- Prerequisite: MAT201, MAT202

PHY250 PHYSICS w/Cal I and Lab (4+1)
- Prerequisite: MAT201

CHE110 GEN CHEMISTRY I and Lab (4+1)
- Prerequisite: MAT111

PHY252 PHYSICS w/Cal II and Lab (4+1)
- Prerequisite: PHY250

CHE112 GEN CHEMISTRY II and Lab (4+1)
- Prerequisite: CHE110

Choose Physics or Chemistry in sequence

CSC230 COMPUTER PROGRAMMING I

CSC291 COMPUTER PROGRAMMING II Prerequisite: CSC230

CSC341 COMPUTER ORGANIZATION Prerequisite: CSC330

CSC360 OPERATING SYSTEMS Prerequisite: CSC230

CSC375 NETWORK AND DATA COMM. Prerequisite: CSC230

CSC385 ARTIFICIAL INTELLIGENCE Prerequisite: CSC230, CSC330

CSC390 PROGRAMMING LANGUAGES Prerequisite: CSC360

CSC405 COMPUTER SECURITY Prerequisite: CSC230

CSC415 COMPUTER ETHICS

CSC475 COMPLEXITY & ANALYSIS of ALGORITHMS
- Prerequisite: CSC230, CSC330, CSC395

CSC480 SOFTWARE PROJECT DEVELOPMENT
- Prerequisite: CSC230, CSC330, CSC395

CSC493 SOFTWARE ENGINEERING PRINCIPLES
- Prerequisite: CSC230, CSC330

CSC494 SOFTWARE PROJECT DEVELOPMENT
- Prerequisite: CSC230, CSC330, CSC395

CSC490 COMPUTER ETHICS*

CSC491 ARTIFICIAL INTELLIGENCE

CSC492 DATABASE CONCEPTS & DESIGN
- Prerequisite: CSC230

CSC493 COMPUTER SECURITY Prerequisite: CSC230

CSC494 SOFTWARE PROJECT DEVELOPMENT
- Prerequisite: CSC230, CSC330, CSC395

CSC490 COMPUTER ETHICS*

CSC### ADVANCED COMPUTER ELECTIVE Prerequisite:

CSC### ADVANCED COMPUTER ELECTIVE Prerequisite:

CSC### ADVANCED COMPUTER ELECTIVE Prerequisite:

CSC### ADVANCED COMPUTER ELECTIVE Prerequisite:

Liberal Arts Core Requirements

University 101 Critical Thinking for the Information Ages

Oral Communication Written Communication

Religion and Philosophy Inquiry

Scientific Inquiry**

Math, Analytical Skills, Computations, and Technology**

World Languages

African Diaspora and the World Society and Global Inquiry (SSC)

Society and Global Inquiry (HUM/VPA)